

Wastewater Holding Tanks Plan Review Checklist

Please submit the following information for the review of plans for installing a holding tank that will receive only industrial wastewater. The plans must be approved by the DNR prior to construction. A tank that will receive both industrial wastewater and sanitary waste will receive primary review by the Department of Commerce and the Department of Natural Resources (DNR) will complete a concurrent review with the focus being the wastes entering the tank and the ultimate disposition of the wastewater. Following the guidelines below will assure the Department receives the necessary information and will allow for a quick turnaround time. These holding tanks are not intended to store hazardous wastewater. If you have questions about whether or not your facility produces hazardous waste, you may contact the Bureau of Waste Management (608) 266-2111 or check out the Bureau Website at: <http://dnr.wi.gov/org/aw/wm/>.

Name of Facility: _____ Owner's Name: _____

Address: _____ Title: _____

_____ Telephone #: _____

Address of Tank Location (if different): Fax: _____

_____ Designer's Name & License #: _____

General Project Summary

Provide a short description of the overall project. This should include at least the type of the type of business and processes generating the wastewater, the location, any new construction, a site map, and a description of raw materials used, products produced, and any cleaning chemicals or waste fluids that may be discharged to the tank.

Maps and Plans

Please include all pertinent plans and maps.

Location

Separation distances of 25 feet or greater may be granted for Department of Commerce-approved holding tanks. Holding tanks may not be installed in a floodway or wetland. Please fill in the blanks below for this project.

The actual separation distances for this project are as follows:

- a. _____ feet from a public water supply well
- b. _____ feet from a potable water supply well
- c. _____ feet from an inhabited dwelling

Site Information

Include any soils data which is available and identify the anticipated depth to both groundwater and bedrock. Indicate the distance between the bottom of the tank and the groundwater table and the top of the bedrock.

Depth to groundwater is _____ feet; distance between bottom of holding tank and groundwater is _____ feet.

Depth to bedrock is _____ feet; distance between bottom of holding tank and bedrock is _____ feet.

Tank Construction

Please describe the materials of construction and manufacturer of the tank. The tank must have an inspection manhole, vent, inlet baffle, high level alarm, and watertight joints. The holding tank material must be compatible with the wastewater. The Department may require that the tank be sealed and leak tested periodically. Please explain how this will be completed.

Volume

State the total tank size, in gallons.

Operation

Describe how the wastewater will be collected and disposed. Explain any pretreatment methods that are included in the plan. These could include grit removal trenches, catch basins, oil and grease separators or other interceptors. Where these are used, describe how the waste, including oil and grease, from these devices will be disposed. We recommend that oil and grease be removed in a timely manner and hauled to a recycler for proper disposal. If the liquid waste will be hauled to a municipal wastewater treatment system, please so indicate and, if possible, include an acceptance letter from the municipality. Any hazardous waste must be withheld from the tank and the owner should specify how this waste will be handled.

Please submit the noted information to:

Duane Schuettpelz, WT/2
Wisconsin Department of Natural Resources
Wastewater Permits & Pretreatment Section
P.O. Box 7921
Madison, WI 53707-7921

If you have any questions about wastewater holding tank plan approvals, please contact Duane Schuettpelz at (608) 266-0156 (email: Duane.Schuettpelz@dnr.state.wi.us) or Jerry Rodenberg at (608) 266-7715 (email: Jerry.Rodenberg@dnr.state.wi.us). No fees are required for the review of submitted plans.